

XP-002333758

(C) WPI / DERWENT

AN - 1975-43595W [26]

A - [001] 012 02& 034 035 037 038 04- 040 05& 05- 051 055 056 074 075 076
077 080 081 082 083 085 139 143 146 153 180 185 189 226 228 231 240
250 264 266 28& 311 316 332 341 355 359 397 40- 41- 431 432 434 440
442 47& 473 477 539 597 600 656 679 681 691 724

- [002] 012 03& 03- 074 077 081 085 228 24- 343 360

CPY - YAMA-I

DC - A82 G02 M14

FS - CPI

IC - C09D3/48 ; C09D5/08

MC - A04-F06E1 A06-B A10-C03 A12-B01B G02-A02C G02-A02D M13-H05

PA - (YAMA-I) YAMAUCHI M

PN - JP50014663B B 19750529 DW197526 000pp

PR - JP19680026952 19680420

XIC - C09D-003/48 ; C09D-005/08

AB - J75014663 Coating compsn. is prepd. by forming phosphoric acid ester by treating hydroxyethyl methacrylate with P2O5, polymerising it with copolymerisable monomer or graft-polymerisable polymer to form phosphoric acid resin, and adding the resin to a dispersible organic solvent type resin paint. As monomer copolymerisable with phosphoric acid ester acrylic monomer, styrene, etc. are suitable, and as graft-polymerisable polymer alkyd resin, epoxy resin, etc. are suitable. The stability of the paint is further improved by converting the phosphoric acid resin into its amine salt. Organic solvent type resin paint consists of acrylic system or aminoalkyd system resin and organic solvent such as toluene or xylene. When the paint is applied to metal by spraying or immersion, phosphoric acid resin joins with metal to improve the corrosion resistance and adhesion. When it is applied to paper, cloth etc. flame retardancy is imparted.

IW - STABILISED COATING COMPOSITION CONTAIN PHOSPHORIC ACID RESIN
PREPARATION PHOSPHORIC ACID ESTER COMONOMER STYRENE GRAFT
POLYMERISE
POLYMER

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NC - 001

OPD - 1968-04-20

ORD - 1975-05-29

PAW - (YAMA-I) YAMAUCHI M

TI - Stable coating compsn contg phosphoric acid resin - prepd from phosphoric acid ester and comonomer e.g. styrene, or graft-polymerisable polymer

- org. Löslich

- keine Nanopartikel

- Phosphorsäureharz -> hier aus neu synth. Phosphorsäurederivat